

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
 Data File : VX027419.D
 Acq On : 14 Mar 2022 14:15
 Operator : JC/MD
 Sample : VX0314WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 15 06:02:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	337450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	510173	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	475715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	239198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175813	44.677	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.360%		
35) Dibromofluoromethane	5.391	113	159482	48.446	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.900%		
50) Toluene-d8	8.653	98	598670	48.171	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.340%		
62) 4-Bromofluorobenzene	11.079	95	222704	47.017	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64232	18.569	ug/l	98
3) Chloromethane	1.295	50	61231	16.834	ug/l	98
4) Vinyl Chloride	1.374	62	66858	17.884	ug/l	98
5) Bromomethane	1.605	94	43719	26.502	ug/l	99
6) Chloroethane	1.685	64	40209	17.437	ug/l	99
7) Trichlorofluoromethane	1.886	101	98679	18.955	ug/l	96
8) Diethyl Ether	2.136	74	38085	18.775	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	65018	19.103	ug/l	95
10) Methyl Iodide	2.453	142	72138	15.016	ug/l	99
11) Tert butyl alcohol	2.965	59	69922	90.637	ug/l	99
12) 1,1-Dichloroethene	2.319	96	59439	18.166	ug/l	93
13) Acrolein	2.233	56	33914	62.715	ug/l	95
14) Allyl chloride	2.666	41	91179	17.766	ug/l	96
15) Acrylonitrile	3.069	53	178043	87.694	ug/l	99
16) Acetone	2.380	43	146708	94.396	ug/l	99
17) Carbon Disulfide	2.514	76	144162	16.217	ug/l	99
18) Methyl Acetate	2.703	43	75735	17.508	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	200943	18.536	ug/l	99
20) Methylene Chloride	2.788	84	70476	18.332	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	64480	17.730	ug/l	96
22) Diisopropyl ether	3.764	45	188903	18.412	ug/l #	90
23) Vinyl Acetate	3.727	43	793606	92.461	ug/l	97
24) 1,1-Dichloroethane	3.611	63	113568	18.230	ug/l	98
25) 2-Butanone	4.556	43	233720	86.223	ug/l	99
26) 2,2-Dichloropropane	4.477	77	86662	19.401	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	76735	18.186	ug/l	94
28) Bromochloromethane	4.898	49	39556	15.260	ug/l	92
29) Tetrahydrofuran	5.007	42	155268	86.570	ug/l	95
30) Chloroform	5.099	83	123301	18.752	ug/l	93
31) Cyclohexane	5.471	56	97944	17.794	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	108525	19.311	ug/l	97
36) 1,1-Dichloropropene	5.696	75	88384	19.338	ug/l	97
37) Ethyl Acetate	4.715	43	88836	18.439	ug/l	99
38) Carbon Tetrachloride	5.684	117	98462	20.833	ug/l	97
39) Methylcyclohexane	7.379	83	111587	19.334	ug/l	97
40) Benzene	6.044	78	266280	19.128	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49036	18.877	ug/l	96
42) 1,2-Dichloroethane	6.092	62	91344	20.087	ug/l	99
43) Isopropyl Acetate	6.342	43	136318	18.770	ug/l	98
44) Trichloroethene	7.129	130	76926	20.120	ug/l	99
45) 1,2-Dichloropropane	7.434	63	66457	19.053	ug/l	99
46) Dibromomethane	7.586	93	49555	19.969	ug/l	96
47) Bromodichloromethane	7.824	83	93481	20.398	ug/l	99
48) Methyl methacrylate	7.696	41	68627	19.002	ug/l	94
49) 1,4-Dioxane	7.659	88	35331	373.581	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	467412	96.128	ug/l	96
52) Toluene	8.720	92	176190	19.854	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	94833	20.167	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	105555	19.997	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	74835	20.206	ug/l	98
56) Ethyl methacrylate	9.116	69	106076	19.418	ug/l	95
57) 1,3-Dichloropropane	9.311	76	118267	19.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	239102	86.689	ug/l	98
59) 2-Hexanone	9.433	43	358818	95.532	ug/l	94
60) Dibromochloromethane	9.525	129	79747	21.097	ug/l	98
61) 1,2-Dibromoethane	9.610	107	78037	20.404	ug/l	98
64) Tetrachloroethene	9.275	164	71120	21.333	ug/l	97
65) Chlorobenzene	10.080	112	199863	19.969	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	73324	20.955	ug/l	98
67) Ethyl Benzene	10.195	91	340866	19.749	ug/l	97
68) m/p-Xylenes	10.305	106	271835	40.153	ug/l	99
69) o-Xylene	10.640	106	132029	19.753	ug/l	100
70) Styrene	10.659	104	220144	19.842	ug/l	99
71) Bromoform	10.799	173	59897	20.960	ug/l #	100
73) Isopropylbenzene	10.964	105	348024	19.894	ug/l	100
74) N-amyl acetate	10.842	43	114727	17.943	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	113146	18.821	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	103356m	19.694	ug/l	
77) Bromobenzene	11.201	156	89101	20.184	ug/l	94
78) n-propylbenzene	11.305	91	393344	19.989	ug/l	98
79) 2-Chlorotoluene	11.366	91	237503	19.311	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	300924	20.064	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	31030	19.122	ug/l	92
82) 4-Chlorotoluene	11.457	91	271017	19.480	ug/l	97
83) tert-Butylbenzene	11.719	119	301378	20.103	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	301228	20.250	ug/l	99
85) sec-Butylbenzene	11.890	105	361624	20.000	ug/l	100
86) p-Isopropyltoluene	12.012	119	311161	20.326	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	165407	19.944	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	164052	19.537	ug/l	99
89) n-Butylbenzene	12.335	91	253258	19.751	ug/l	98
90) Hexachloroethane	12.543	117	49400	20.704	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	163172	19.955	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24980	19.833	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	100441	18.713	ug/l	99
94) Hexachlorobutadiene	13.725	225	46208	19.633	ug/l	93
95) Naphthalene	13.780	128	333386	18.501	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	100791	18.790	ug/l	96

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

